# RDDLED2R-10D-WYY-B-SAT

# product

2" deep regress downlight delivers higher lumen output and reduces glare. Color: Satin aluminum trim black cone Weight: 2.9 lbs

**Project:** Type: **Prepared By:** Date:

LED Info

### **Driver Info**

Type:	Constant Current	Watts:	10W
120V:	0.11A	Color Temp:	2700K
208V:	0.07A	Color Accuracy:	82 CRI
240V:	0.06A	L70 Lifespan:	100000
277V:	0.05A	Lumens:	652
Input Watts:	12W	Efficacy:	53 LPW
Input Watts: Efficiency:	12W 82%	Efficacy:	53 LPW

# **Technical Specifications**

### Listings

### **UL Listing:**

Suitable for Wet Locations. Covered Ceiling Mount Only.

## Electrical

# Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.11A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

### **Dimming Driver:**

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only).

### THD:

15.8% at 120V, 27.3% at 277V

### Power Factor:

98.5% at 120V, 90.2% at 277V

### **Surge Protection:**

4kV

## Optical

**Optics:** 

Wall Wash

# **LED Characteristics**

### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

# LEDs:

Long-life, high-efficiency, surface mount LEDs.

### **Color Stability:**

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

# Construction

# **Cold Weather Starting:**

Minimum starting temperature is -35°C (-31°F)

### **Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F) ambient temperatures

### Housing:

Specification-grade, die-cast aluminum construction

#### Reflector:

Vacuum metalized polycarbonate

### Trim Ring:

Satin aluminum powder coated die cast 1/2" trim ring.

# Trim Cone:

Black round trim cone.

### Lens:

Optical grade polycarbonate

### Green Technology:

Mercury and UV free. RoHS compliant components. Polvester powder coat finish formulated without the use of VOC or toxic heavy metals.

### Other

#### **Replacement:**

Replaces 75W MR16

#### Warranty:

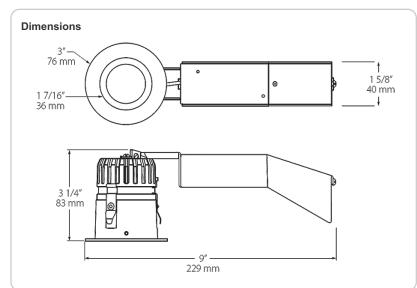
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish

### **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.



# RDDLED2R-10D-WYY-B-SAT



# Features

10W replaces 75W MR16

Universal dimming (TRIAC, ELV and 0-10V) for optimal light control

Deep regress design improves visual cutoff and reduces glare

0	Ordering Matrix											
	Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style		
	RDDLED	2R	10	D	W	ΥY		В	SA	Т		
		2R = 2" Round	<b>10</b> = 10W	D = Dim	<b>20</b> = 20	YY = 2700K (Residential Warm)	Blank = 80 CRI	W = White	W = White	<b>T</b> = 1/2" Trim		
		2S = 2" Square			<b>30</b> = 30	<b>Y</b> = 3000K (Warm)	HC = 90 CRI	B = Black	B = Black	TL = Trimless		
					<b>40</b> = 40	YN = 3500K (Warm Neutral)		S = Specular	S = Silver			
					$\mathbf{W}$ = Wall Wash	N = 4000K (Neutral)		M = Matte	SA = Satin Nickel			

